

# ***Plainwell No. 2 Dam Area Time-Critical Removal Action Weekly Construction Update***

***Progress Report #35 – September 27, 2010***

## ***Work Completed: September 16 – September 22, 2010***

- Continued the excavation of targeted materials from the Oxbow Area and Removal Area 5B/Upland Area 5B.
- Continued restoration work in Removal Area 5B/Upland Area 5B. Activities included the installation of topsoil, river run rock, coir logs, restoration seed, and erosion control blankets.
- Completed the removal of access roads in the Oxbow Area.
- Completed restoration activities in Removal Area 6. Activities included the installation of restoration seed and erosion control blankets.
- Completed the removal of resuspension controls in Removal Area 6.
- Continued the demobilization of select heavy equipment and materials from the project area.
- Began demobilizing components of Staging Area 1, including the pug mill.
- Continued loading and transporting tree stumps and staged soil material from Staging Areas 1 and 2 to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.

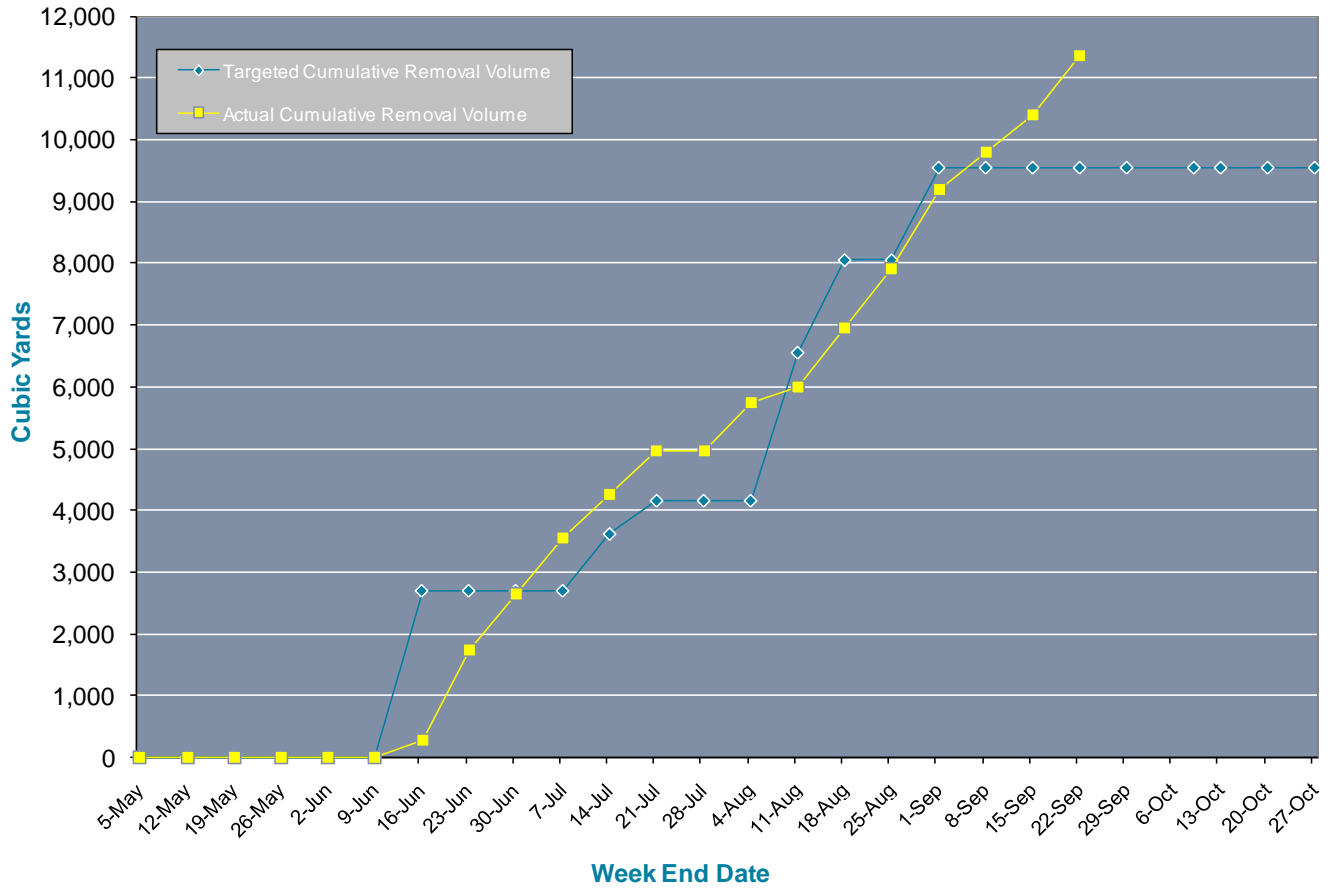
| Estimated Weekly Volume Hauled to Non-TSCA Landfill Facilities |  |   |
|--|--|---|
| Date   | Estimated Quantity<br>Non-TSCA material<br>(cubic yards) | Number of Truck<br>Loads Non-TSCA<br>material |
| Weekly Total   | 980  | 28  |
| 2010 Total   | 11,130   | 318   |

Note: All values are unofficial, estimated quantities, subject to revision/verification.

## ***Work Planned: September 23 – September 29, 2010***

- Complete the excavation of targeted materials from the Oxbow Area and Removal Area 5B/Upland Area 5B.
- Continue restoration work in Removal Area 5B/Upland Area 5B. Activities will include the installation of topsoil, river run rock, coir logs, restoration seed, and erosion control blankets.
- Begin the removal of resuspension controls in Removal Area 5B.
- Continue the demobilization of Staging Area 1 components, including aggregate material.
- Continue the demobilization of select heavy equipment and materials from the project area.
- Continue loading and transporting tree stumps and staged soil material from Staging Areas 1 and 2 to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.

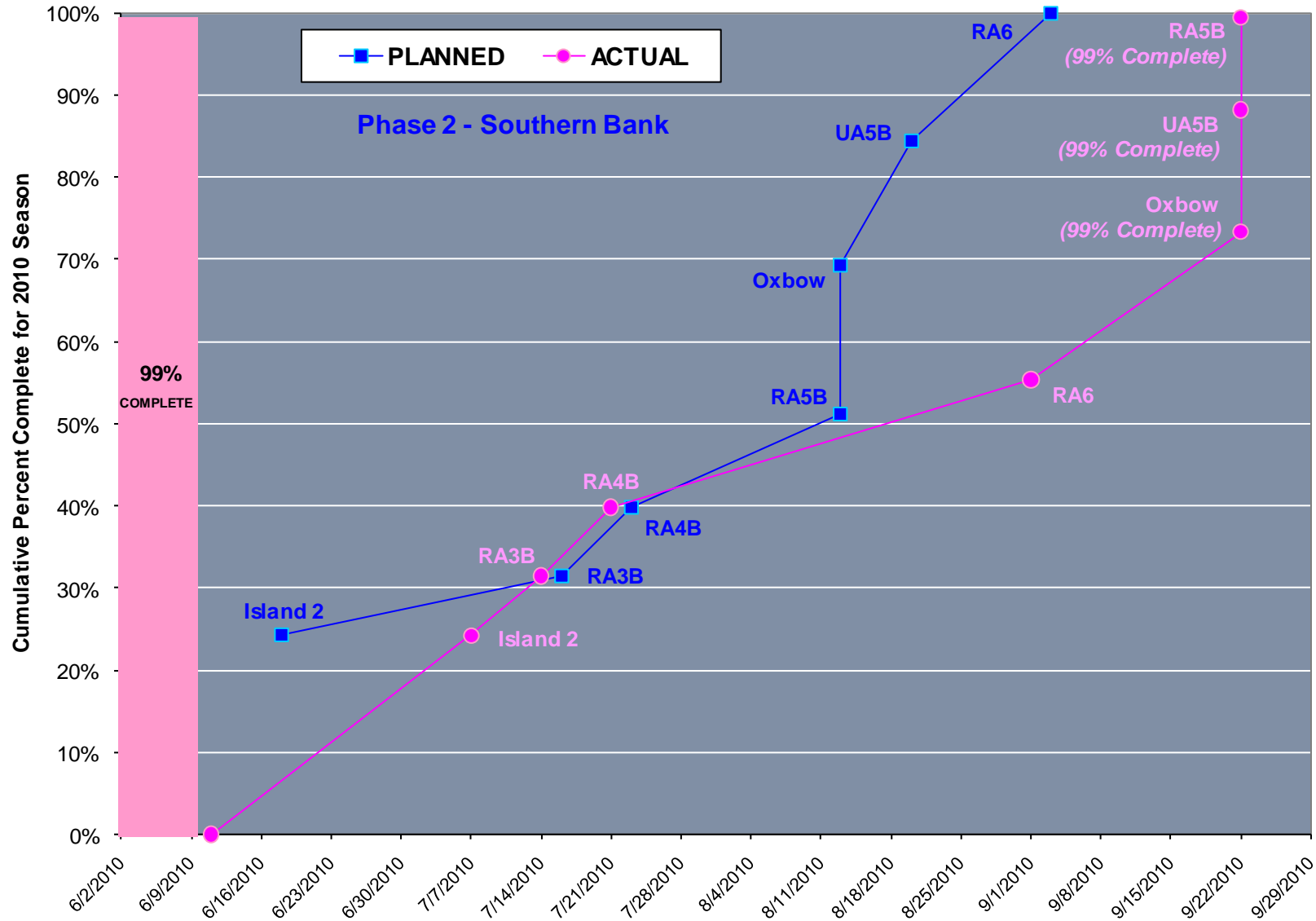
**Removal Progress – 2010**



**Notes:**

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

**Removal Progress – 2010**



**Notes:**

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell No. 2 Dam Area Design Report.

### *Health & Safety Update*

- 4 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 121 LPOs have been completed for the project to date.

### *Weather Summary*

- Site activities were cancelled Saturday, September 18<sup>th</sup> due to thunderstorms.

### *Environmental Monitoring and Construction Quality Assurance Testing*

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring: 36,000 gallons

Discharge Flow: 0 (Staging Areas 1 and 2)

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ Location: **Removal Area 5B**

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☒ After excavation verification sampling, analytical results for one grid in Removal Area 5B were above the cleanup standard.

After removing an additional 6" of material the grid was re-sampled; analytical results are pending.

### *Issues Encountered/Solutions Advanced*

- None.

### *Equipment on Site*

| Equipment List            | Number Onsite |
|---------------------------|---------------|
| Komatsu PC-300 Long Reach | 1             |
| Komatsu PC-300 w/ bucket  | 1             |
| Komatsu PC-300 w/ shear   | 1             |
| HM-300 Off Road Truck     | 2             |
| Komatsu 320 Loader        | 1             |
| 2,000 Gallon Water Truck  | 1             |
| FAVCO 40-Ton Crane        | 1             |
| John Deere 51x Dozer      | 1             |
| JD Tractor                | 1             |

*Personnel, Regulatory Staff, and Visitors on Site*

| Individual/Affiliation  | 09/16/10 | 09/17/10 | 09/18/10 | 09/19/10 | 09/20/10 | 09/21/10 | 09/22/10 |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|
| Terra Contracting Staff | 12       | 12       | 12       |          | 12       | 12       | 12       |
| JF New                  | 7        |          |          |          |          |          |          |
| Georgia-Pacific Staff   |          |          |          |          |          |          |          |
| Garry Griffith          |          |          |          |          |          |          |          |
| Chase Fortenberry       |          |          |          |          |          |          |          |
| ARCADIS Staff           |          |          |          |          |          |          |          |
| EJ Suardini             |          |          |          |          |          |          | X        |
| Caitlin Mahon           |          |          |          |          |          |          |          |
| Nick Harmer             | X        |          |          |          | X        | X        | X        |
| Mike Kohagen            | X        | X        | X        |          | X        | X        | X        |
| Steve Garbaciak         |          |          |          |          |          |          |          |
| Scott Marcus            | X        | X        | X        |          | X        | X        | X        |
| Eric Hritsuk            |          |          |          |          |          |          | X        |
| Oversight Personnel     |          |          |          |          |          |          |          |
| Sam Borries / USEPA OSC |          |          |          |          |          |          |          |
| Jim Saric / USEPA       |          |          |          |          |          |          |          |
| Weston Personnel        | X        |          |          |          | X        | X        | X        |
| Other Agency Staff      |          |          |          |          |          |          |          |
| Paul Bucholtz / MDNRE   |          |          |          |          |          |          |          |
| Sharon Hanshue / MDNRE  |          |          |          |          |          |          |          |
| John Lerg/ MDNRE        |          |          |          |          |          |          |          |

*Photos from September 16 – September 22, 2010*



Decontaminating a turbidity curtain at Staging Area 1.



Excavating targeted material in Removal Area 5B.



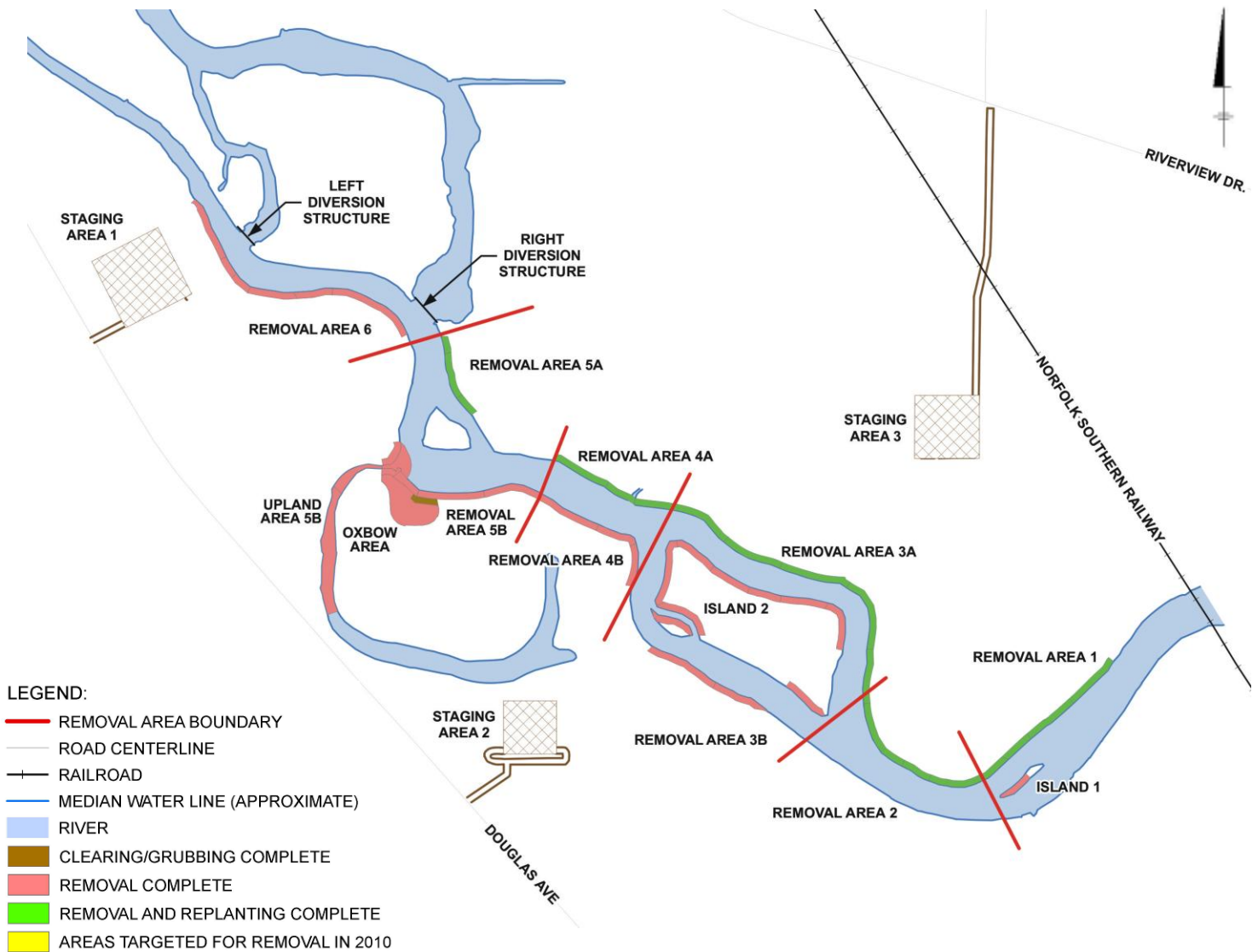
Installing river run rock in Removal Area 5B.



Loading staged material for transportation and disposal at Staging Area 2.



**Targeted Removal Areas – Plainwell No. 2 Dam Area**



**Notes:**

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.